

WHAT IS CLAIMED IS:

1. A transmissive screen comprising a Fresnel lens portion having Fresnel-lens components on the light-exiting face; a lens array portion facing the light-exiting face of the Fresnel lens portion and having many lenses on the light-incident face thereof; and separating means for separating the Fresnel lens portion from the lens array portion at least in a periphery of the transmissive screen.
2. The transmissive screen according to Claim 1, wherein the separating means is a flat transparent plate disposed between the Fresnel lens portion and the lens array portion.
3. The transmissive screen according to Claim 1, wherein the separating means is a spacer that separates the Fresnel lens portion from the lens array portion in the periphery of the transmissive screen.
4. The transmissive screen according to Claim 1, wherein the separating means is a holder that separates the Fresnel lens portion from the lens array portion in the periphery of the transmissive screen.
5. The transmissive screen according to Claim 1, wherein the separating means is constructed by setting back a Fresnel lens surface toward the light-incident face in the periphery of the transmissive screen.
6. The transmissive screen according to Claim 1, wherein the lens array portion includes many lenticular lenses on the light-incident face thereof.
7. The transmissive screen according to Claim 1, wherein the lens array portion includes many microlenses on the light-incident face.
8. A rear projector comprising an optical projecting unit, a light-guide mirror, and a transmissive screen according to Claim 1.